

ABSTRACT

A high impact game ball with a core structure founded on a spherical member, a spherical casing concentrically disposed relative to the spherical member, at least one surface deviation disposed relative to the spherical member of the core structure, and at least one corresponding
5 surface deviation disposed relative to the spherical casing in a mating relationship with the at least one surface deviation of the spherical member. A switching arrangement can be embedded in the spherical member for causing a response to be exhibited based on the occurrence of an activation condition, such as an impact or a remote activation signal. A plurality of positioning stays can project from the spherical member to ensure a concentric relationship relative to the
10 spherical casing.